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M E T E O R O L O G I C A L J O U R N A L,

KEPT BY THE ASSISTANT SECRETARY,

AT THE APARTMENTS OF THE

R O Y A L S O C I E T Y,

BY ORDER OF

THE PRESIDENT AND COUNCIL.

OBSERVANDA.

Height of the Cistern of the Barometer above the plinth at Waterloo Bridge....83 feet 2 inches.
..... above the mean level of the sea97 feet.

Height of the receiver of the Rain Gauge above the court of Somerset House ..79 feet.

The External Thermometer is 2 feet higher than the Barometer Cistern.

The Thermometers are graduated to Fahrenheit's scale.

The Barometer is divided into inches and tenths.

The Hours of Observation are of Mean Time, the day beginning at Midnight.

The *daily* observations of the Barometer are *not* corrected.

The *monthly means* are corrected for capillarity and temperature by the Table contained in Mr. Baily's paper in *Phil. Trans.* for 1837.

METEOROLOGICAL JOURNAL FOR JULY AND AUGUST, 1837.

1837.	9 o'clock, A.M.				3 o'clock, P.M.				External Thermometers.				REMARKS.			
	Barometer uncorrected.		Att. Ther.		Barometer uncorrected.		Att. Ther.		Dew Point at 9 A.M.	Diff. of Wet and Dry Bulb Thermometer.	Fahrenheit.	Self-registering	Rain in inches, Red off at 9 A.M.			
	Flint Glass.	Crown Glass.	Flint Glass.	Crown Glass.	Flint Glass.	Crown Glass.	Flint Glass.	Crown Glass.	9 A.M.	3 P.M.	Lowest	Highest	9 A.M.	3 P.M.		
JULY	S 1	30.336	30.328	62.8	30.316	30.312	63.3	50	66.7	56.7	62.3	50.0	75.3	E	{ A.M. Cloudy—light brisk wind. P.M. Fine—light clouds and wind.	
	○ 2	30.332	30.326	65.2	30.240	30.236	63.5	52	67.1	58.0	69.7	47.5	65.2	ENE	{ Evening, Fine and clear.	
	M 3	30.240	30.234	69.7	30.156	30.150	66.6	56	68.6	65.3	70.5	57.0	72.7	E	Fine—light clouds and haze throughout the day. Evening, Cloudy.	
	T 4	30.142	30.136	65.3	30.128	30.122	67.0	58	67.2	64.6	70.4	55.7	75.0	NE	{ A.M. Cloudy—light breeze. P.M. Fine—light clouds. Evening, Cloudy.	
	W 5	30.180	30.172	66.7	30.128	30.120	66.9	53	69.8	63.4	69.8	55.3	71.5	SSE	A.M. Cloudy—light breeze. P.M. Overcast. Evening, Light rain.	
	T 6	30.150	30.144	67.8	30.136	30.130	68.3	60	68.7	65.6	70.3	60.6	72.3	ESE	Overcast throughout the day.	
	F 7	30.252	30.248	64.2	30.240	30.234	67.2	57	64.3	59.5	68.7	55.6	72.5	NE	{ A.M. Overcast—light wind. P.M. Fine—light clouds. Evening, Fine and clear.	
	S 8	30.196	30.192	67.3	30.144	30.136	68.8	60	68.0	67.3	75.4	57.7	70.0	SW	Fine—nearly cloudless throughout the day. Evening, Overcast.	
	○ 9	30.164	30.156	66.0	30.154	30.150	65.8	50	67.2	57.9	60.7	51.6	76.4	E	{ A.M. Fine—light clouds—light brisk wind. P.M. Cloudy—light wind. Evening, Fine and clear.	
	M 10	29.970	29.964	65.7	29.926	29.920	64.9	54	66.9	61.4	69.8	50.0	63.9	E	{ A.M. Fine—light clouds and wind. P.M. Fine—nearly cloudless. Evening, Fine and clear.	
	T 11	29.992	29.986	65.2	29.958	29.950	65.7	56	65.9	61.5	67.8	52.0	70.0	E	Fine—nearly cloudless—lt. breeze throughout the day. Ev. Cloudy.	
	W 12	29.958	29.950	61.7	29.916	29.908	63.6	54	64.3	57.7	63.5	54.8	70.2	E	Overcast—light wind throughout the day.	
	T 13	29.818	29.812	62.5	29.804	29.796	63.9	56	65.9	62.5	65.8	56.9	64.2	S	Overcast—light breeze throughout the day.	
	F 14	29.776	29.770	64.6	29.786	29.782	66.6	57	64.7	63.8	71.3	58.7	69.5	S	{ A.M. Overcast—brisk wind. P.M. Cloudy, 2 ³ /4 p.m., Heavy shower. Evening, Overcast—occasional showers. 7 p.m. Rainbow visible. P.M. Overcast—wind threatening clouds—light wind.	
	S 15	29.894	29.888	66.9	29.868	29.860	67.0	61	65.0	65.4	62.5	59.3	72.2	.250	S var.	{ A.M. Fine—distant thunder. Evening, Fine and clear.
	○ 16	29.994	29.990	68.2	29.992	29.984	66.8	59	67.8	64.8	65.6	54.7	73.2	.355	SSW	{ A.M. Cloudy—light rain and wind. P.M. Overcast—light rain—distant thunder. Evening, Fine and clear.
	M 17	30.044	30.040	69.8	29.994	29.990	67.5	58	68.3	64.5	68.5	53.5	72.2	.041	SW	A.M. Fine—lt. clouds & breeze. P.M. Cloudy. Ev. Ovt.—lt. rain.
	T 18	29.866	29.860	65.2	29.828	29.820	67.2	60	65.8	64.3	69.5	58.7	70.8	.158	SW	{ A.M. Cloudy—light rain and wind. P.M. Cloudy—light breeze. Evening, Very light rain.
	W 19	29.852	29.846	67.2	29.804	29.798	68.2	59	67.2	65.4	71.3	59.2	71.4	NW	A.M. Cloudy—lt. wind. P.M. Fine—lt. clds. Ev. Overcast—lt. rain.	
	T 20	29.900	29.896	68.0	29.922	29.916	67.8	60	67.8	64.8	63.3	58.0	72.0	.047	W	{ A.M. Cloudy—light breeze. P.M. Overcast—light rain. Evening, Continued rain.
	F 21	30.050	30.044	70.8	30.034	30.028	67.3	57	67.3	63.4	68.3	55.8	67.3	.102	WNW	Fine—light clouds and wind throughout the day. Evening, Cloudy
	S 22	30.088	30.082	66.0	30.058	30.052	67.3	57	66.2	63.3	71.7	56.5	69.8	NW	—very light rain.	
	○ 23	30.058	30.052	68.7	30.000	29.996	70.0	62	66.9	68.4	76.5	59.9	72.2	SSW	A.M. Fine—lt. clouds. P.M. Cloudy. Ev. Overcast—very light rain.	
	M 24	30.146	30.142	74.2	30.126	30.120	71.4	57	67.7	63.7	71.2	59.0	78.3	NE	{ A.M. Fine—dark clouds—light breeze. P.M. Fine—light clouds. Evening, Cloudy.	
	T 25	30.126	30.120	71.0	30.108	30.102	71.0	60	68.8	67.0	72.3	61.3	72.3	W	Fine—light clouds & breeze throughout the day. Evening, Cloudy.	
	W 26	30.096	30.090	70.3	30.084	30.078	71.3	62	68.0	69.3	74.3	64.2	73.7	S	A.M. Fine—nearly cloudless. P.M. Cloudy. Evening, Fine & clear.	
	T 27	30.018	30.012	73.3	29.904	29.898	72.9	61	69.2	70.6	77.4	60.3	78.5	SSW	{ A.M. Fine—lt. clouds & breeze. P.M. Cloudy—lt. rain. [light rain & wind.	
	F 28	29.818	29.812	71.4	29.796	29.790	72.5	63	67.4	68.5	73.6	62.3	79.6	E	{ A.M. Fine—lt. rain, very wind. Sudden fall in Bar. 11 A.M. Heavy rain shr. P.M. Ovt.—occasional showers. Ev. Ovt.—lt. rain—cont. h. wind.	
	S 29	29.350	29.344	67.2	29.288	29.278	69.9	60	64.4	64.3	66.4	60.2	74.2	.255	SE var.	{ A.M. Overcast—wind abated, although very high during night. P.M. Cloudy. Ev. Overcast—occasional showers, with lightning.
	○ 30	29.544	29.540	65.6	29.640	29.636	67.7	58	66.3	61.7	66.8	57.0	68.7	.091	SW	A.M. Fine—lt. clouds. P.M. Cloudy, with occasional rain. Ev. Cl dy.
	M 31	29.924	29.922	69.6	29.890	29.886	67.4	56	67.2	62.8	68.6	53.7	68.3	.102	SW	
	MEAN.	30.009	30.003	67.4	29.980	29.973	67.6	57.5	66.9	63.8	69.2	56.7	71.7	1.434	Mean Barometer corrected	
AUGUST	T 1	29.752	29.746	64.3	29.698	29.692	64.9	58	65.1	59.7	60.2	56.9	70.0	.036	SE	Overcast—light rain and wind throughout the day. Ev. High wind.
	W 2	29.694	29.688	64.7	29.672	29.666	67.4	60	64.2	64.5	68.2	57.4	64.8	.422	S var.	{ Overcast—light rain with high wind nearly all the day. Evening, Continued rain and wind.
	T 3	29.716	29.712	69.2	29.708	29.702	68.5	61	65.1	65.0	68.7	59.9	71.0	.033	S var.	{ A.M. Cloudy—light rain—high wind. P.M. Fine—light clouds—high wind. Evening, Overcast—light rain.
	F 4	29.896	29.892	68.2	29.948	29.944	68.0	60	67.0	64.3	68.3	57.2	69.5	.080	SW	{ A.M. Overcast—light rain and wind. P.M. Cloudy—4 p.m., heavy shower—8 ¹ /2 p.m. rainbow. Evening, Overcast, occasional showers. Fine—light clouds and wind throughout the day. Ev. Fine & clear.
	S 5	30.182	30.176	67.5	30.194	30.186	66.3	56	68.8	61.3	65.3	52.2	69.3	.375	SW	Fine—light clouds and wind throughout the day. Ev. Fine & clear.
	○ 6	30.266	30.258	66.8	30.250	30.246	66.0	55	66.9	60.7	66.0	52.0	66.0		E	Fine—light clouds and wind throughout the day. Evening, Cloudy.
	M 7	30.356	30.350	62.0	30.372	30.368	64.3	57	65.5	60.8	64.3	53.2	66.3		E	Overcast—light brisk wind throughout the day. Evening, Cloudy.
	T 8	30.396	30.392	65.5	30.338	30.332	64.5	55	68.0	61.7	65.8	51.5	65.6	NE	{ A.M. Cloudy—light brisk wind. P.M. Fine—light clouds & wind. Evening, Overcast.	
	W 9	30.142	30.136	67.2	30.032	30.024	65.2	57	66.8	62.9	69.8	54.0	66.4	NE var.	{ A.M. Fine—light clouds—brisk wind. P.M. Cloudy—light wind.	
	T 10	29.968	29.962	63.3	29.916	29.910	66.2	59	64.6	62.0	72.0	57.3	70.2	E	{ A.M. Overcast—light breeze. P.M. Fine—light clouds and wind.	
	F 11	29.884	29.878	65.8	29.916	29.908	67.8	61	65.7	65.2	71.4	61.3	72.0	NNW	{ Evening, Overcast—very light rain.	
	S 12	30.016	30.010	68.0	29.994	29.988	68.6	61	66.1	65.3	72.5	60.3	72.0	SW	A.M. Lightly overcast, P.M. Fine—light clouds. Ev. Fine & clear.	
	○ 13	30.160	30.154	66.2	30.172	30.168	68.5	60	65.6	63.4	74.5	56.9	73.4	S	A.M. Overcast. P.M. Fine—light clouds. Evening, Cloudy.	
	M 14	30.286	30.282	70.3	30.258	30.252	70.2	61	67.5	68.3	75.4	59.6	74.6	E	Fine—nearly cloudless throughout the day.	
	T 15	30.278	30.274	71.0	30.210	30.204	70.6	60	67.2	65.0	73.3	56.5	77.0	E	{ A.M. Fine and clear—light breeze. P.M. Cloudy—light wind.	
	W 16	30.140	30.132	67.3	30.068	30.064	69.7	61	64.8	65.2	69.4	58.5	75.0	E	{ Evening, Fine and clear.	
	T 17	30.044	30.038	68.5	30.010	30.006	71.5	66	62.8	67.5	75.8	62.5	74.0	.022	E	Overcast—light rain with wind. Evening, Fine and clear.
	F 18	30.160	30.156	69.0	30.162	30.158	72.0	65	65.5	65.5	76.2	62.2	78.8	.008	SW	A.M. Overcast—light wind. P.M. Fine—light clouds.
	S 19	30.126	30.122	72.0	30.022	30.018	73.0	66	64.0	67.5	76.4	63.3	76.8	NNW	{ Overcast—light wind throughout the day. Evening, Fine—light clouds and wind.	
	○ 20	29.938	29.934	80.2	29.954	29.950	74.0	68	66.4	70.7	73.4	63.5	77.5	SW var.	A.M. Fine—light clouds and wind. P.M. Cloudy—brisk wind.	
	M 21	30.100	30.096	70.0	30.086	30.082	72.2	65	67.1	67.3	72.0	61.0	75.0	SSW	Overcast—brisk wind throughout the day. Ev. Cloudy—light rain.	
	T 22	30.172	30.168	70.0	30.150	30.146	71.0	67	67.0	67.5	72.5	59.0	73.5	SSW	A.M. Cloudy—brisk wind. P.M. Overcast. Evening, Heavy shower.	
	W 23	30.054	30.050	69.2	30.042	30.038	71.0	65	64.0	65.8	71.0	65.2	73.6	.444	W	Overcast—light rain nearly the whole of the day. Ev. Heavy rain.
	T 24	30.212	30.208	63.5	30.204	30.200	66.5	52	65.7	66.8	63.2	55.0	71.9	.638	N	{ A.M. Overcast—brisk wind. P.M. Fine—light clouds. Evening, Fine & clear.
	F 25	30.228	30.224	62.0	30.148	30.146	64.0	57	65.0	58.5	66.0	50.4	63.3	E	A.M. Overcast. P.M. Fine—light clouds and wind.	
	S 26	29.888	29.884	62.7	29.854	29.850	64.5	62	65.0	64.5	64.6	56.0	67.0	.022	SSW	{ A.M. Overcast—distant thunder and lightning—heavy rain. P.M. Overcast—heavy rain.
	○ 27	30.180	30.176	64.3	30.190	30.186	62.0	50	62.7	53.5	59.9	48.5	72.7	.763	E	Fine—light clouds—brisk wind nearly the whole of the day.
	M 28	30.044	30.040	62.0	29.978	29.974	63.0	54	65.2	58.5	62.8	49.7	60.0	E	A.M. Cloudy. P.M. Fine—light clouds. Evening, Overcast.	
	T 29	29.504	29.500	60.0	29.460	29.456	61.0	54	60.8	55.5	59.4	53.2	65.5	.116	NE	Overcast—light rain throughout the day.
	W 30	29.402	29.398	59.0	29.478	29.476	60.3	55	61.5	54.4	57.4	52.6	59.5	.602	NNW	{ Overcast, with occasional showers. Evening, Overcast—thunder and lightning.
	T 31	29.456	29.450	60.8	29.414	29.408	60.5	54	62.4	56.4	62.2	49.2	59.3	.041	SSW	Fine—light clouds throughout the day. Evening, Fine and clear.
	MEAN.	30.021	30.016	66.5	29.993	2										

METEOROLOGICAL JOURNAL FOR SEPTEMBER AND OCTOBER, 1837.

SEPTEMBER	9 o'clock, A.M.				3 o'clock, P.M.				External Thermometers.				Rain at inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	REMARKS.	
	Barometer uncorrected.		Att. Ther.		Barometer uncorrected.		Att. Ther.		Dew Point at 9 A.M., deg. Fahr. Diff. of Wet and Dry Bulb Thermometer.	Fahrenheit.	Self-registering					
	Flint Glass.	Crown Glass.			Flint Glass.	Crown Glass.			9 A.M.	Lowest	Highest					
O	F 1	29.368	29.362	57.4	29.386	29.382	59.5	53	05.8	56.3	59.8	50.7	62.3	W	{ A.M. Overcast—light wind. P.M. Fine—light clouds and wind. Evening, Cloudy—light rain.	
	S 2	29.444	29.438	58.2	29.532	29.526	59.9	52	00.8	55.4	59.7	51.2	62.0	.091	N	{ A.M. Cloudy—light brisk wind. P.M. Fine—light clouds. Evening, Cloudy—light rain.
	○ 3	29.666	29.660	59.8	29.704	29.700	59.0	49	05.1	53.4	55.8	50.3	61.2	.072	W	{ Overcast—light wind nearly the whole day. Evening, Light rain.
	M 4	29.920	29.914	56.7	29.934	29.928	58.6	50	03.5	53.0	58.2	51.2	57.3	.055	WNW	Overcast—light wind throughout the day. Evening, Fine and clear.
	T 5	29.864	29.808	57.3	29.912	29.906	58.6	52	04.0	56.6	61.7	49.3	59.7	E	{ A.M. Fine—light clouds and wind. P.M. Cloudy—light rain and wind. Evening, Cloudy.	
	W 6	30.060	30.052	55.3	30.010	30.002	57.4	50	03.7	52.0	60.7	47.6	61.6	.158	N	{ A.M. Thick haze—light wind. P.M. Fine—nearly cloudless. Evening, Fine and clear.
	T 7	29.946	29.942	58.8	29.872	29.866	60.2	52	04.4	59.3	63.3	51.3	61.6	S	{ A.M. Fine—light clouds—brisk wind. P.M. Overcast—brisk wind. Evening, Light rain.	
	F 8	29.930	29.924	59.6	29.932	29.926	60.5	54	02.5	55.5	61.9	54.5	66.0	.055	SE	{ A.M. Overcast—it, rain. P.M. Fine—it, clouds. Evening, Overcast, light wind throughout the day. Evening, Fine and clear.
	S 9	29.872	29.866	61.7	29.734	29.730	62.5	55	05.6	60.8	66.8	55.5	62.2	SSE	{ A.M. Lightly overcast—light wind. P.M. Fine—light clouds—brisk wind. Evening, Overcast—light rain—high wind.	
	○ 10	29.916	29.910	64.4	29.940	29.936	64.0	56	03.7	60.2	67.2	54.7	67.3	.055	SSW	{ Fine—light clouds and wind throughout the day. Evening, Fine and clear.
	M 11	29.822	29.818	64.0	29.718	29.714	64.0	59	04.0	62.5	64.4	56.2	68.0	SE var.	{ A.M. Fine—light clouds—brisk wind. P.M. Overcast—brisk wind. Evening, Heavy rain.	
	T 12	29.748	29.746	60.0	29.634	29.630	63.0	55	05.0	54.4	61.0	52.0	67.0	.277	SW	Overcast—light wind throughout the day. Evening, Fine and clear.
	W 13	29.154	29.150	61.0	29.100	29.096	62.6	58	04.5	59.8	63.0	52.2	61.6	S	{ A.M. Cloudy—light wind. P.M. Overcast—light wind.	
	T 14	29.354	29.350	58.0	29.468	29.464	61.0	53	04.5	56.0	59.2	53.0	64.0	.069	NNW	A.M. Overcast—light wind. P.M. Lightly cloudy—brisk wind.
	F 15	29.634	29.630	59.0	29.750	29.746	58.6	52	04.5	55.5	58.4	49.8	59.5	.055	NW	{ A.M. Lightly overcast—light wind. P.M. Fine—light clouds and wind. Evening, Fine and clear.
	S 16	30.004	30.000	56.0	29.964	29.960	57.4	52	05.0	55.0	60.6	48.5	60.0	SE var.	{ Overcast—brisk wind throughout the day. Evening, Fine and clear—brisk wind.	
	○ 17	30.058	30.054	59.5	30.064	30.060	62.0	58	05.5	65.5	67.7	56.0	66.0	.011	W var.	{ Lightly cloudy—brisk wind throughout the day. Evening, Overcast—brisk wind.
	M 18	30.052	30.048	62.8	30.026	30.020	64.2	60	04.8	64.6	65.7	61.5	69.7	SSW	Overcast—brisk wind throughout the day.	
	T 19	30.170	30.164	63.2	30.122	30.116	65.0	60	05.9	63.4	67.8	58.8	68.3	.069	SSE	Overcast—light wind throughout the day. Evening, Fine and clear.
	W 20	30.028	30.022	65.6	29.948	29.942	65.6	61	06.0	66.3	65.2	61.2	68.5	E	{ Fine—nearly cloudless—light wind throughout the day. Ev. Fine & clear.	
	T 21	29.934	30.928	62.2	29.958	29.950	64.9	56	02.7	59.2	65.6	54.3	68.4	.055	NE	{ A.M. Cloudy—light brisk wind. P.M. Fine—nearly cloudless—light wind. Evening, Fine and clear.
	F 22	30.086	30.080	63.0	30.068	30.062	64.8	58	03.6	60.5	64.2	53.2	68.7	NE	{ A.M. Cloudy—light brisk wind. P.M. Fine—nearly cloudless—light wind. Evening, Fine and clear.	
	S 23	30.144	30.136	64.8	30.130	30.122	62.0	55	06.4	58.3	60.2	52.9	65.2	.011	E	{ Fine and cloudless—light brisk wind nearly the whole of the day.
	○ 24	30.242	30.236	62.0	30.244	30.240	59.5	50	07.3	56.7	57.3	51.8	61.2	NE	{ Evening, Fine and clear.	
	M 25	30.320	30.314	58.3	30.302	30.296	58.3	51	06.2	56.2	58.2	46.5	58.4	.069	N	{ Fine—nearly cloudless—light wind. Evening, Fine and clear.
	T 26	30.302	30.296	57.0	30.238	30.230	58.9	50	05.2	54.2	56.2	46.4	59.3	NE	{ A.M. Fine—nearly cloudless—light winds. P.M. Overcast—light rain. Evening, Cloudy.	
	W 27	30.116	30.110	54.9	30.074	30.066	57.2	49	03.1	51.2	57.6	44.4	60.2	.011	N	{ Cloudy—light wind the whole of the day. Evening, Overcast.
	T 28	30.076	30.072	55.3	30.040	30.034	58.5	50	04.2	53.4	59.3	44.4	60.2	N	{ A.M. Cloudy—light brisk wind. P.M. Fine—it, clouds. Evening, Cloudy.	
	F 29	30.064	30.058	55.8	30.008	30.004	56.8	50	03.9	54.9	58.7	44.4	60.2	.011	NE	{ Fine—nearly cloudless—light wind. Evening, Cloudy.
	S 30	29.972	29.968	55.8	29.946	29.942	57.9	51	02.9	57.3	61.7	48.0	59.6	NE	{ A.M. Fine—nearly cloudless. P.M. Fine—it, clouds. Ev. Cloudy.	
	MEAN.	29.909	29.902	59.6	29.892	29.887	60.7	53.7	04.5	57.6	61.6	51.7	63.2	.895	SUM.	Mean Barometer corrected { F. 29.630 .. 29.810 C. 29.822 .. 29.804
OCTOBER	○ 1	29.928	29.924	57.8	29.930	29.926	61.3	53	04.2	57.4	62.2	48.2	62.6	.055	NE	Overcast—light fog throughout the day, with occasional rain.
	M 2	30.158	30.152	60.7	30.176	30.170	62.3	58	04.2	62.2	66.5	48.0	63.8	.025	SSW	{ A.M. Lightly overcast—very light rain. P.M. Fine—light clouds.
	T 3	30.174	30.166	60.0	30.096	30.090	62.3	58	04.1	59.3	65.8	54.0	67.2	SE	{ Evening, Fine and clear.	
	W 4	30.043	30.042	62.2	30.080	30.074	64.4	58	05.0	63.2	65.4	54.0	67.3	.022	SW	{ Overcast—light rain. P.M. Fine—light clouds and wind. Evening, Fine and clear.
	T 5	30.261	30.256	61.2	30.246	30.240	62.8	57	04.8	57.4	61.7	52.7	68.5	WSW	{ A.M. Lightly overcast. P.M. Cloudy—light wind. Evening, Overcast.	
	F 6	30.088	30.082	60.8	30.092	30.086	62.3	57	03.1	59.3	63.4	55.0	61.8	.361	SSW	{ A.M. Overcast—heavy rain. P.M. Fine—light clouds and wind.
	S 7	30.246	30.240	59.4	30.228	30.220	60.8	53	01.3	53.7	62.0	49.2	63.4	E	{ Evening, Fine and starlight.	
	○ 8	30.204	30.198	59.0	30.126	30.122	60.0	54	04.6	58.3	60.0	52.7	62.0	.022	SW	{ A.M. Fine—very light fog and wind. P.M. Cloudy.
	M 9	30.304	30.298	57.2	30.306	30.300	58.4	51	04.4	53.8	57.6	47.4	61.5	SSW	{ Lightly overcast nearly the whole of the day, with light rain.	
	T 10	30.364	30.356	56.5	30.354	30.348	59.3	51	04.5	55.5	60.3	47.9	60.0	.033	W	{ Evening, Fine and starlight.
	W 11	30.424	30.418	57.0	30.402	30.396	58.8	52	03.9	56.4	62.2	52.8	61.2	SW	Fine—light clouds throughout the day. Evening, Fine & starlight.	
	T 12	30.470	30.464	56.4	30.478	30.472	58.6	50	03.2	52.4	59.6	49.2	62.7	.022	SW	{ A.M. Overcast—light wind. P.M. Fine—it, clouds. Evening, Cloudy.
	F 13	30.596	30.590	53.0	30.588	30.582	55.2	44	04.3	47.7	56.2	43.8	60.5	SW	{ A.M. Cloudy—light wind. P.M. Fine—it, clouds. Ev. Fine & clear.	
	S 14	30.708	30.700	52.4	30.672	30.664	53.4	45	03.5	47.2	54.3	43.9	56.5	.022	SW	{ A.M. Fine—nearly cloudless—very light fog. P.M. Cloudy—light wind.
	○ 15	30.640	30.634	50.8	30.562	30.558	52.0	44	02.6	44.2	54.3	38.5	55.6	N	{ Fine & cloudless—light brisk wind. P.M. Cloudy—it, wind.	
	M 16	30.488	30.480	50.6	30.402	30.392	52.4	44	04.3	47.7	54.7	44.0	54.6	.022	SW	{ Fine—nearly cloudless—light wind nearly the whole of the day.
	T 17	30.268	30.260	50.0	30.174	30.168	52.4	44	02.5	44.6	55.2	41.0	55.5	SW	{ Evening, Fine and clear.	
	W 18	30.112	30.104	52.2	30.120	30.112	53.7	46	03.8	52.0	57.8	44.3	56.2	.022	SW	{ A.M. Overcast—light fog. P.M. Overcast. Evening, Very light rain.
	T 19	30.400	30.396	51.3	30.408	30.402	53.2	44	02.6	45.2	55.2	44.0	58.4	S	{ A.M. Fine—light clouds. P.M. Cloudy—it, wind. Ev. Overcast.	
	F 20	30.538	30.532	52.2	30.533	30.532	54.5	48	03.2	51.7	62.0	45.0	56.0	.022	SW	{ A.M. Light fog. P.M. Fine—light clouds. Evening, Cloudy.
	S 21	30.640	30.632	53.8	30.588	30.580	54.9	49	03.8	52.4	55.7	50.9	62.3	SW	{ A.M. Light fog. P.M. Overcast. Evening, Cloudy.	
	○ 22	30.456	30.450	53.2	30.362	30.358	55.0	47	03.0	49.4	57.8	47.0	56.2	.022	SW	{ Cloudy—light fog and wind throughout the day. Evening, Overcast.
	M 23	30.046	30.040	54.2	29.894	29.888	56.2	49	04.9	54.7	59.4	49.2	58.3	SSW	{ A.M. Cloudy—light wind. P.M. Fine—light clouds. Evening, Overcast—heavy rain.	
	T 24	29.594	29.590	54.7	29.494	29.490	54.8	49	02.2	50.4	50.2	50.2	60.2	.388	SSW	{ A.M. Overcast—heavy rain. P.M. Continued rain.
	W 25	29.700	29.694	50.6	29.846	29.840	51.4	42	02.0	42.4	48.7	38.3	52.7	.250	N	Overcast—light rain—light brisk wind throughout the day.
	T 26	30.062	30.054	47.6	29.964	29.956	52.3	40	02.8	42.3	51.6	35.4	49.4	.061	SW	{ A.M. Fine—It, clouds & wind. P.M. Lightly overcast. Ev. H. wind.
	F 27	29.486	29.480	51.4	29.540	29.534	52.2	48	02.0	53.4	51.4	42.0	54.2	S var.	{ A.M. Overcast—light rain—high wind—high wind during the night.	
	S 28	29.610	29.602	48.8	29.428	29.420	50.3	42	03.9	47.3	49.7	40.8	54.0	.477	S	{ P.M. Fine—light clouds and wind. Evening, Cloudy.
	○ 29	29.458	29.452	47.7	29.440	29.436	49.0	40	02.3	41.2	48.0	38.8	51.3	.041	S	{ A.M. Fine—light clouds and wind. P.M. Overcast—occasional rain.
	M 30	29.350	29.348	47.5	29.218	29.216	50.7	42	04.6	48.2	57.5	38.7	51.3	SW	Overcast—light brisk wind, with occasional rain throughout the day.	
	T 31	29.356	29.350	49.2	29.406	29.400	49.9	43	02.8	45.0	47.3	43.2	58.2	.108	S	{ Fine—nearly cloudless—light wind throughout the day. Evening, Overcast—high wind.
	MEAN.	30.135	30.129	54.2	30.102	30.096	56.0	48.4	03.5	51.5	57.2	46.1	58.8	1.821	Mean Barometer corrected { 9 A.M. 3 P.M. F. 30.070 .. 30.032 C. 30.063 .. 30.025	

METEOROLOGICAL JOURNAL FOR NOVEMBER AND DECEMBER, 1837.

NOVEMBER	9 o'clock, A.M.		3 o'clock, P.M.				External Thermometers.				Rain in inches Read off at 9 A.M.	Direction of the Wind at 9 A.M.	REMARKS.			
	Barometer uncorrected.		Barometer uncorrected.		Dew Point at 9 A.M., deg. Fahr.		Fahrenheit.	Self-registering								
	Flint Glass.	Crown Glass.	Att. Ther.	Flint Glass.	Crown Glass.	Att. Ther.	Diff. of Wet and Dry Bulb Ther.	9 A.M. 3 P.M.	Lowest Highest							
1837.	W 1	28.978	28.974	48.8	28.780	28.774	51.3	45	02.7	52.4	55.8	41.4	54.3	.311 SSW	Overcast—light rain—high wind throughout the day. Very high wind throughout the night.	
	T 2	29.130	29.126	48.4	29.166	29.160	49.4	42	03.0	42.8	45.6	41.0	56.4	.150 W	A.M. Overcast—it. rain—h. wind. P.M. Cldy—it. wind. Ev. Lt. rain.	
	F 3	29.258	29.252	45.3	29.320	29.314	47.0	37	02.3	39.7	45.8	36.4	48.8	.036 SW	A.M. Cloudy—light fog and wind. P.M. Fine—light clouds. Evening, Light fog, with occasional flashes of lightning.	
	S 4	29.694	29.688	43.3	29.844	29.836	45.4	38	02.1	40.2	47.5	36.3	48.3	SW	Fine—light clouds, with very light fog throughout the day. Evening, Fine and starlight.	
	(C) 5	30.072	30.064	42.8	30.074	30.068	45.0	36	02.4	39.8	47.4	36.8	48.3	WSW	A.M. Cloudy—light fog. P.M. Overcast. Evening, Light fog.	
	M 6	30.314	30.306	42.4	30.348	30.342	43.8	33	04.4	38.7	45.8	36.6	48.3	NW	(A.M. Fine—light fog and wind. P.M. Fine—light clouds and wind. Evening, Light fog.	
	T 7	30.456	30.450	41.4	30.406	30.400	42.6	33	01.8	34.7	44.8	32.8	46.8	E	A.M. Thick fog. P.M. Fine—nearly cloudy. Evening, Foggy.	
	W 8	30.320	30.312	39.3	30.246	30.238	39.7	32	01.5	32.0	38.6	30.4	45.3	E	A.M. Thick fog—white frost. P.M. Dense fog.	
	T 9	30.142	30.136	37.6	30.058	30.052	40.3	30	02.4	30.7	45.0	28.0	40.3	E	A.M. Light fog—sharp frost. P.M. Overcast—very light mist.	
	F 10	29.984	29.978	42.6	29.920	29.912	44.6	38	02.6	46.2	52.8	31.0	47.8	.019 WSW	Overcast—deposition nearly the whole day. Ev. Very light rain.	
	S 11	29.940	29.934	47.6	29.964	29.958	49.3	42	03.0	48.4	52.5	45.8	54.3	.050 WSW	Fine—light clouds and wind nearly the whole day. Ev. Overcast.	
	(C) 12	30.018	30.012	47.3	30.098	30.090	47.3	40	03.5	43.7	44.9	42.8	54.3	WSW	(A.M. Fine—nearly cloudless—light wind. P.M. Fine and cloudless. Evening, Fine and clear.	
	M 13	30.118	30.110	44.0	30.006	30.000	45.2	37	02.4	40.3	45.7	36.7	46.0	WSW	(A.M. Light fog and wind. P.M. Overcast—light rain. Evening, Heavy rain—high wind.	
	T 14	29.552	29.546	46.8	29.474	29.468	47.7	43	03.1	46.3	46.4	40.0	49.3	.286 W	A.M. Fine—nearly cloudless. P.M. Overcast—light rain.	
	W 15	29.948	29.942	43.8	30.018	30.010	44.5	37	02.7	38.6	42.3	36.8	48.7	N	Fine—light clouds & wind throughout the day. Ev. Fine—it. clouds.	
	T 16	30.008	30.002	41.8	29.946	29.940	42.3	35	01.8	37.0	40.3	35.4	44.5	N	A.M. Light fog. P.M. Overcast. Evening, Light fog.	
	F 17	29.980	29.974	40.3	30.008	30.000	41.6	34	02.6	35.6	41.7	32.7	41.3	N	(Fine—light clouds and wind throughout the day—slight frost during the night. Evening, Fine and clear.	
	S 18	30.128	30.122	39.0	30.058	30.052	39.9	32	02.0	34.6	40.3	31.4	42.3	S	Light fog throughout the day—white frost during night. Ev. Overcast.	
	(C) 19	30.010	30.004	41.9	29.900	29.896	44.6	37	03.2	44.8	51.5	33.2	45.5	SW	(A.M. Lightly overcast—deposition. P.M. Fine—light clouds. Evening, Overcast—heavy rain.	
	M 20	29.872	29.864	45.8	29.762	29.754	47.0	42	02.2	44.7	48.3	42.7	52.6	.200 SSW	(Fine—light clouds and wind nearly the whole of the day. Evening, Overcast—very light rain.	
	T 21	29.850	29.844	44.3	29.864	29.856	45.8	38	02.6	39.7	46.9	36.5	49.0	SSW	A.M. Fine—nearly cloudless. P.M. Fine—it. clouds. Ev. Overcast.	
	W 22	29.930	29.926	45.7	29.900	29.896	47.9	42	02.7	50.6	54.7	39.8	51.3	.033 SW	(A.M. Overcast—very light rain and wind. P.M. Overcast—light wind.	
	T 23	29.806	29.800	50.6	29.714	29.708	51.6	48	03.1	52.4	53.7	50.3	55.2	S var.	Overcast—high wind throughout the day, and also night. Ev. Lt. rain.	
	F 24	29.954	29.948	51.2	29.960	29.954	51.3	46	02.0	46.7	48.6	46.4	55.0	SW	Overcast—light wind and wind during the whole of the day. Evening, Overcast—east—light rain.	
	S 25	30.092	30.086	47.3	30.156	30.150	47.3	40	02.4	39.3	42.4	39.2	49.0	N	Fine—light clouds & wind throughout the day. Ev. Fine & clear.	
	(C) 26	30.070	30.062	43.2	29.714	29.710	45.0	36	02.5	37.8	45.5	33.4	43.3	SW	(A.M. Lightly overcast—light wind. P.M. Overcast—light rain.	
	M 27	29.524	29.518	43.2	29.494	29.488	44.2	37	01.9	37.8	43.3	37.2	48.7	S	(Fine—partly cloudy, with light fog nearly the whole day. Evening, Overcast.	
	T 28	29.282	29.276	43.7	29.214	29.208	44.5	39	02.3	42.2	43.0	37.9	45.0	WSW	A.M. Light fog and wind. P.M. Overcast—very light rain.	
	W 29	29.494	29.488	41.3	29.634	29.626	41.8	34	02.4	34.7	40.3	33.4	45.7	W	(A.M. Fine—partly cloudy—very light fog. P.M. Fine—light clouds. Evening, Fine and clear.	
	T 30	29.700	29.694	40.4	29.634	29.626	42.8	36	02.6	42.2	49.3	33.3	45.7	S	(A.M. Overcast—light mist. P.M. Cloudy. Evening, Overcast—light rain.	
DECEMBER	MEAN.	29.854	29.848	44.0	29.823	29.816	45.4	38.0	02.5	41.2	46.4	37.2	49.0	Sum. 1.419	Mean Barometer corrected	{ 9 A.M. 3 P.M. F. 29.817 .. 29.792 C. 29.809 .. 29.774
	F 1	29.884	29.878	45.8	30.000	29.994	46.3	40	01.9	42.4	46.8	41.8	50.8	.038 SW	A.M. Fine—nearly cloudless—very light fog. P.M. Fine—light clouds. Evening, Fine and starlight.	
	S 2	30.212	30.204	43.2	30.298	30.292	43.3	36	02.0	36.4	41.4	36.0	47.7	SW	Thick fog throughout the day.	
	(C) 3	30.428	30.420	41.4	30.412	30.408	42.0	35	01.4	37.2	40.2	35.7	42.6	ENE	Overcast—deposition—light wind throughout the day. Ev. Foggy.	
	M 4	30.500	30.492	39.4	30.484	30.476	39.7	31	01.6	33.2	38.5	32.4	41.3	N	A.M. Thick fog—white frost. P.M. Overcast. Evening, Light fog.	
	T 5	30.372	30.366	39.8	30.286	30.278	39.8	33	02.7	37.8	38.8	33.3	40.3	NE	A.M. Light fog and wind. P.M. Overcast.	
	W 6	30.126	30.120	39.7	29.996	29.992	39.6	33	02.7	37.9	36.4	36.8	40.0	N	(A.M. Light fog and wind. P.M. Overcast—light snow and wind. Evening, Light rain.	
	T 7	29.794	29.788	37.8	29.752	29.748	38.4	32	00.4	34.3	37.6	31.7	38.9	.061 NE	A.M. Overcast—light snow and wind. P.M. Overcast—light rain.	
	F 8	29.668	29.660	39.9	29.626	29.620	40.6	35	01.5	37.0	38.6	34.5	39.0	.075 NNE	Overcast throughout the day, with occasional rain.	
	S 9	29.690	29.686	39.3	29.732	29.726	39.6	34	01.7	35.4	37.8	34.7	41.0	.019 N	Overcast—light wind throughout the day. Evening, Very light mist.	
	(C) 10	30.024	30.016	39.3	30.016	30.012	40.0	34	01.2	36.2	40.2	34.6	40.2	.027 N	Overcast—light wind throughout the day. Evening, Light rain.	
	M 11	30.110	30.104	39.2	30.092	30.086	39.9	33	03.0	37.9	38.8	36.0	41.5	W	Overcast—light wind throughout the day. Evening, Light fog.	
	T 12	29.994	29.988	39.3	29.892	29.886	39.7	33	02.8	34.7	38.3	34.6	40.2	SE	(A.M. Overcast—light fog and wind. P.M. Lightly overcast. Evening, Light fog.	
	W 13	30.040	30.032	39.2	30.114	30.106	40.3	34	01.7	36.4	42.2	34.9	39.0	SSE	A.M. Thick fog. P.M. Fine—it. clouds. Ev. Light fog—deposition.	
	T 14	30.256	30.250	39.9	30.230	30.224	41.4	34	02.2	37.2	42.5	36.0	43.0	ESE	A.M. Light fog. P.M. Fine—light clouds. Evening, Overcast.	
	F 15	30.156	30.150	41.0	30.064	30.058	41.3	37	02.3	37.7	38.8	36.6	43.4	SE	Fine—light clouds and wind throughout the day. Ev. Overcast.	
	S 16	29.886	29.880	40.2	29.792	29.786	41.6	35	02.2	38.8	45.3	37.0	40.4	SE	(A.M. Fine—nearly cloudless. P.M. Fine—light clouds. Evening, Overcast—light rain.	
	(C) 17	29.808	29.802	44.0	29.720	29.716	46.0	40	01.4	46.8	49.5	38.7	48.2	SE	Overcast—deposition the whole day. Ev. Heavy rain, with high wind.	
	M 18	29.362	29.354	47.3	29.416	29.410	49.0	46	01.9	50.5	51.7	46.5	51.4	.191 SW	(A.M. Fine—light wind, with high wind. High wind throughout the night.	
	T 19	29.976	29.970	49.0	29.928	29.922	49.6	44	01.7	45.2	50.5	45.2	53.6	.166 WSW	(A.M. Fine—light wind, with high wind, the early part of the night. P.M. Overcast—light rain.	
	W 20	29.560	29.554	51.2	29.316	29.310	52.0	46	02.1	53.2	52.3	45.0	54.2	.286 SW	(A.M. Overcast—deposition—light wind. P.M. Light rain and snow. Evening, Very high wind.	
	T 21	29.964	29.956	48.3	30.160	30.152	47.7	42	02.6	42.2	43.0	42.0	52.5	.055 N	A.M. Cloudy—h. wind. P.M. Overcast—it. brisk wind. Ev. High wind.	
	F 22	30.100	30.094	48.7	29.974	29.966	49.6	44	02.1	44.9	48.7	41.0	45.7	SSW	(A.M. Cloudy—light wind. P.M. Overcast—very light rain and wind.	
	S 23	29.942	29.936	50.4	29.948	29.942	50.8	47	01.7	49.4	50.2	44.9	52.7	W	Evening, Overcast.	
	(C) 24	30.020	30.012	49.5	29.890	29.886	50.0	45	02.4	47.3	52.5	46.0	50.8	SSW	A.M. Overcast—very light rain. P.M. Overcast—deposition.	
	M 25	29.796	29.790	51.0	29.868	29.864	52.0	47	02.8	52.2	54.4	47.0	53.3	SW var.	(A.M. Fine—heavy clouds—brisk wind. P.M. Fine—light clouds. Evening, Fine and starlight.	
	T 26	29.950	29.944	50.2	29.876	29.870	50.8	45	01.5	47.6	48.8	45.2	55.3	S	Overcast—deposition—light wind throughout the day.	
	W 27	29.806	29.800	48.7	29.822	29.814	50.2	44	02.0	44.5	47.8	43.6	50.4	ENE	Overcast—light fog nearly the whole of the day.	
	T 28	29.896	29.892	49.4	29.902	29.896	50.3	45	02.2	48.8	49.7	44.3	49.7	S	(A.M. Lightly overcast—light brisk wind. P.M. Overcast—light wind.	
	F 29	29.860	29.852	49.2	29.836	29.830	49.9	45	02.4	47.5	48.4	44.3	50.7	SE	(A.M. Fine—light clouds and wind. P.M. Fine—light clouds and wind.	
	S 30	29.966	29.960	49.9	29.956	29.950	50.9	47	02.5	49.8	50.8	47.0	50.7	SE	Evening, Very light mist.	
	(C) 31	29.994	29.988	49.6	29.996	29.990	51.0	45	02.1	46.7	48.7	46.3	51.8	SW	(A.M. Fine—light clouds. P.M. Lightly overcast. Evening, Fine and starlight.	
MEAN.	MEAN.	29.972	29.966	44.5	29.948	29.942	45.3	39.4	02.0	42.2	44.8	39.8	46.6	Sum. .981	Mean Barometer corrected.....	{ 9 A.M. 3 P.M. F. 29.933 .. 29.907 C. 29.926 .. 29.900